

PTO-1390 (Rev. 02-2005)  
 Approved for use through 03/31/2007. OMB 0651-0021  
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| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>                 DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>                 CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>   |   | ATTORNEY'S DOCKET NUMBER<br>1599-0283PUS1<br><br>U.S. APPLICATION NO. (If known, see 37 CFR 1.51)<br><b>10/4539582</b> |
| INTERNATIONAL APPLICATION NO.<br>PCT/KR2003/002758  | INTERNATIONAL FILING DATE<br>17 December 2003 | PRIORITY DATE CLAIMED<br>30 December 2002  |
| TITLE OF INVENTION      THERMOPLASTIC ELASTOMER RESIN   |   |  |
| APPLICANT(S) FOR DO/EO/US      Sung-Hwan CHO; Sun-Woong KIM; Jun-Hee LEE; Oh-Kwun SON; Byung-Ho LIM   |   |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |   |  |
| 1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.<br>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.<br>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.<br>4. <input type="checkbox"/> The US has been elected (Article 31).<br>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))<br>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).<br>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.<br>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).<br>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).<br>a. <input checked="" type="checkbox"/> is attached hereto.<br>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).<br>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))<br>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).<br>b. <input type="checkbox"/> have been communicated by the International Bureau.<br>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.<br>d. <input checked="" type="checkbox"/> have not been made and will not be made.<br>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).<br>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).<br>10. <input checked="" type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). |   |  |
| <b>Items 11 to 20 below concern document(s) or information included:</b>  |   |  |
| 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.<br>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.<br>13. <input type="checkbox"/> A preliminary amendment.<br>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.<br>15. <input type="checkbox"/> A substitute specification.<br>16. <input type="checkbox"/> A power of attorney and/or change of address letter.<br>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.<br>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).<br>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).<br>20. <input checked="" type="checkbox"/> Other items or information: PCT/IB/308; PCT/ISA/210; PCT/IPEA/409 w/ Amended Claims; Letter Submitting Article 34 Amendments; Zero (0) Sheets of Formal Drawings  |   |  |

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|---|--------------|---|------------|--|----|
| U.S. APPLICATION NO. (if known, see 37 CFR 5.101)<br><b>104539582</b>   |              | INTERNATIONAL APPLICATION NO.<br><b>PCT/KR2003/002758</b>                     |            | ATTORNEY'S DOCKET NUMBER<br><b>1599-0283PUS1</b> |    |
| The following fees have been submitted  |              |   |            | <b>CALCULATIONS</b>                              |    |
| 21. <input checked="" type="checkbox"/> Basic national fee .....\$300   |              |   |            | \$ 300.00  |    |
| 22. <input checked="" type="checkbox"/> Examination fee   |              |   |            |  |    |
| If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) .....\$100   |              |   |            |  |    |
| All other situations .....\$200   |              |   |            | \$ 200.00  |    |
| 23. <input checked="" type="checkbox"/> Search fee  |              |   |            |  |    |
| Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....\$100  |              |   |            |  |    |
| International Search Report prepared and provided to the Office .....\$400  |              |   |            |  |    |
| All other situations .....\$500   |              |   |            | \$ 400.00  |    |
| <b>TOTAL OF 21, 22 and 23 =</b>   |              |   |            | <b>\$ 900.00</b>                                 |    |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.  |              |   |            |  |    |
| Total Sheets  | Extra sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE       |  |    |
| 22 - 100 =  | /50 =        |   | x \$250.00 |  |    |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).   |              |   |            | \$   |    |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA  | RATE       |  |    |
| Total claims  | 35 - 20 =    | 15  | x 50.00    | \$ 750.00  |    |
| Independent claims  | 4 - 3 =      | 1   | x 200.00   | \$ 200.00  |    |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable)   |              |   | + 360.00   | \$ 360.00  |    |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |   |            | <b>\$ 2,210.00</b>                               |    |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.  |              |   |            | \$   |    |
| <b>SUBTOTAL =</b>   |              |   |            | <b>\$ 2,210.00</b>                               |    |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).  |              |   |            | +  |    |
| <b>TOTAL NATIONAL FEE =</b>   |              |   |            | <b>\$ 2,210.00</b>                               |    |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   |              |   |            | +  |    |
| <b>TOTAL FEES ENCLOSED =</b>  |              |   |            | <b>\$ 2,250.00</b>                               |    |
|   |              |   |            | Amount to be refunded:                           | \$ |
|   |              |   |            | Amount to be charged:                            | \$ |
| <p>a. <input checked="" type="checkbox"/> A check in the amount of \$ 2,250.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Date: June 17, 2005</p> <p style="text-align: right;">SIGNATURE: <u>James T. Eller, Jr.</u><br/>NAME</p> <p>CUSTOMER NUMBER: 02292</p> <p style="text-align: right;">REGISTRATION NUMBER <u>39,538</u></p> |              |   |            |  |    |

10/539582

JC17 Rec'd PCT/PTO 17 JUN 2005

Docket No.: 1599-0283PUS1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Sung-Hwan CHO et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: June 17, 2005

Art Unit: N/A

For: THERMOPLASTIC ELASTOMER RESIN

Examiner: Not Yet Assigned

**LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The PTO is requested to use the amended sheets/claims attached hereto (which correspond to Article 19 amendments or to claims attached to the International Preliminary Examination Report (Article 34)) during prosecution of the above-identified national phase PCT application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §1.16 or 1.14; particularly, extension of time fees.

Application No.: Not Yet Assigned

Docket No.: 1599-0283PUS1

**10/539582**

**JC17 Rec'd PCT/PTO 17 JUN 2005**

Dated: June 17, 2005

Respectfully submitted,

By 

James T. Eller, Jr.

Registration No.: 39,538

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